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IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

International Application No. : PCT/US00/22616
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 Priority Date(s) Claimed : 19 AUGUST 1999
 Applicant(s) (DO/EO/US) : VELANDER, William, Hugold

Title: TRANSGENIC PROTHROMBIN AND RELATED THROMBIN PRECURSORS AND TRANSGENICS, METHODS, COMPOSITIONS, USES AND THE LIKE RELATING THERETO

PRELIMINARY AMENDMENT

Commissioner for Patents
 Washington, D.C. 20231

SIR:

Prior to calculating the national fee, and prior to examination in the National Phase of the above-identified International application, please amend as follows:

IN THE CLAIMS:

Please cancel claims 2-4, 9-10, 14-15, 18-19, 21, 23, 26, 32, 34, 37, 39, 45, 47, 49, 51, 52 and 54.

Please amend claims 11, 13, 16-17, 20, 29, 31, 35, 38, 43, 46, 48 and 53 as follows:

11. (Amended) A transgenic organism according to claim 1, wherein the prothrombin or prothrombin-related polypeptide produced in the organism when isolated and purified has a specific activity is 75% to 125% of that of purified human prothrombin.

13. (Amended) A transgenic organism according to claim 1, wherein the prothrombin or prothrombin related polypeptide comprises a region having an amino acid sequence 80% to 100% identical to that of a mammalian thrombin.